

What is claimed is:

1. A control apparatus for a fuel cell vehicle including a drive motor that can drive the vehicle; a fuel cell that is supplied a reacting gas that undergoes an electrochemical reaction to generate electricity; a capacitor that is charged by a generated power of said fuel cell and regeneration power of said drive motor; a reacting gas supply means that supplies said reacting gas to said fuel cell; and an output control means that controls an output current and output voltage of said fuel cell, comprising:

a capacitor temperature detecting means that detects temperature of said capacitor;

a maximum power setting means that sets a capacitor maximum power, which is a maximum value of the power for charging and discharging said capacitor, depending on the temperature of said capacitor;

a motor power limiting value calculating means that calculates a motor power limiting value for a drive and regenerative motor power of said drive motor based on each of detected values of an output power of said fuel cell and a load power supplied to a load, excluding said drive motor, and said capacitor maximum power;

a motor real power detecting means that detects a real power of the motor, which is the motor power actually supplied during drive and regeneration of said drive motor; and

a motor power control means that controls said real power of said motor such that a detected value of the real power of said motor is equal to or less than said motor power limiting value.